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## IPC 7 English version

B07C - B07C 9/00

**SECTION B – PERFORMING OPERATIONS; TRANSPORTING**

**B 07** **SEPARATING SOLIDS FROM SOLIDS; SORTING** (separation in general [B01D](#); wet separating processes, sorting by processes using fluent material in the same way as liquid [B03](#); using liquids [B03B](#), [B03D](#); sorting by magnetic or electrostatic separation of solid materials from solid materials or fluids, separation by high voltage electric fields [B03C](#); centrifuges or vortex apparatus for carrying out physical processes [B04](#); sorting peculiar to particular materials or articles and provided for in other classes, see the relevant classes)

**B 07 C** **POSTAL SORTING; SORTING INDIVIDUAL ARTICLES, OR BULK MATERIAL FIT TO BE SORTED PIECE-MEAL, e.g. BY PICKING** (specially adapted for a specific purpose covered by another class, see the relevant place, e.g. [A43D 33/06](#), [B23Q 7/12](#))

**Note**

This subclass covers sorting of materials or articles by hand or by devices actuated, manually or automatically, as a result of inspection or of detection or measurement of some feature of the material or articles.

**Subclass Index**

SORTING CHARACTERISED BY THE METHOD

[B07C 5/00](#), [B07C 7/00](#), [B07C 9/00](#)

SORTING ACCORDING TO DESTINATION

[B07C 1/00](#), [B07C 3/00](#)

**Postal sorting; Similar sorting of documents, e.g. cheques** (tube mail systems [B65G 51/04](#); sorting information records, e.g. punched cards, [G06F 7/10](#))

- 1/ 00** **Measures preceding sorting according to destination**
  - 1/ 02 . Forming articles into a stream; Arranging articles in a stream, e.g. spacing, orientating
  - 1/ 04 . . Forming a stream from a bulk; Regulating the stream, e.g. spacing the articles
  - 1/ 06 . . Orientating; Aligning
  - 1/ 10 . Sorting according to size or flexibility
  - 1/ 12 . . Separating letters from parcels
  - 1/ 14 . . Sorting according to length or width
  - 1/ 16 . . Sorting according to thickness or stiffness
  - 1/ 18 . Orientating articles other than in a stream
  - 1/ 20 . Sorting according to orientation, e.g. according to position of stamp
- 3/ 00** **Sorting according to destination**
  - 3/ 02 . Apparatus characterised by the means used for distribution
  - 3/ 04 . . Drum-type sorting machines
  - 3/ 06 . . Linear sorting machines in which articles are removed from a stream at selected points
  - 3/ 08 . . using arrangements of conveyers
  - 3/ 10 . Apparatus characterised by the means used for detection of the destination (methods or arrangements for reading and recognising printed or written characters or geometric figures [G06K 9/00](#))
    - 3/ 12 . . using electric or electronic detecting means ([B07C 3/14](#) takes precedence)
    - 3/ 14 . . using light-responsive detecting means
    - 3/ 16 . . using magnetic detecting means
  - 3/ 18 . Devices or arrangements for indicating destination, e.g. by code marks
  - 3/ 20 . Arrangements for facilitating the visual reading of addresses, e.g. display arrangements

- 5/ 00**     **Sorting according to a characteristic or feature of the articles or material being sorted, e.g. by control effected by devices which detect or measure such characteristic or feature; Sorting by manually actuated devices, e.g. switches** (sorting by hand only B07C 7/00; separating solids from solids by sieving, screening, or sifting or by using gas currents or other separating by dry meth applicable to bulk material B07B; sorting of coins G07D) [3]
- 5/ 02     .     Measures preceding sorting, e.g. arranging articles in a stream, orientating
  - 5/ 04     .     Sorting according to size
  - 5/ 06     .     .     measured mechanically
  - 5/ 07     .     .     .     by calipering using relatively moving article-engaging means, e.g. clamps [2]
  - 5/ 08     .     .     measured electrically or electronically (B07C 5/10 takes precedence)
  - 5/ 10     .     .     measured by light-responsive means
  - 5/ 12     .     .     characterised by the application to particular articles, not otherwise provided for (sorting eggs A01K 43/00)
  - 5/ 14     .     .     .     Sorting timber or logs
  - 5/ 16     .     Sorting according to weight (sorting eggs A01K 43/00; weighing apparatus per se G01G)
  - 5/ 18     .     .     using a single stationary weighing mechanism
  - 5/ 20     .     .     .     for separating articles of less than a predetermined weight from those of more than that weight
  - 5/ 22     .     .     using a plurality of stationary weighing mechanisms
  - 5/ 24     .     .     using moving weighing mechanisms, e.g. moving along a circular path
  - 5/ 26     .     .     .     wherein the counterbalancing effect of the weighing mechanisms is varied during such movement
  - 5/ 28     .     .     using electrical control means
  - 5/ 30     .     .     with associated counting means
  - 5/ 32     .     .     with associated check-weighing means
  - 5/ 34     .     Sorting according to other particular properties
  - 5/ 342     .     .     according to optical properties, e.g. colour
  - 5/ 344     .     .     according to electric or electromagnetic properties
  - 5/ 348     .     .     according to radioactive properties
  - 5/ 36     .     Sorting apparatus characterised by the means used for distribution
  - 5/ 38     .     .     Collecting or arranging articles in groups
- 7/ 00**     **Sorting by hand only**
- 7/ 02     .     Compartmented furniture, e.g. pigeon-holes (storage racks B65G)
  - 7/ 04     .     Apparatus or accessories for hand picking
- 9/ 00**     **Sorting, with or without orientating, not otherwise provided for**

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